ELSEVIER

Neuroscience Letters 258 (1998) 194–196

Neuroscience Letters

Contents to Volume 258

Volume 258, no. 1

Guidelines for the submission of manuscripts v

Neuronal nitric oxide synthase is permanently decreased in the cerebellum of rats subjected to chronic neonatal blockade of *N*-methyl-D-aspartate receptors
M. Virgili, F. Facchinetti, M. Sparapani, M. Tregnago, R. Lucchi, R. Dall'Olio, O. Gandolfi, A. Contestabile (Italy) 1

Effect of oral administration of *Pinellia ternata*, *Zingiberis rhizoma* and their mixture on the efferent activity of the gastric branch of the vagus nerve in the rat
A. Niijima, M. Kubo, K. Hashimoto, Y. Komatsu, M. Maruno, M. Okada (Japan) 5

Hemispheric lateralization in preattentive processing of speech sounds
K. Alho, J.F. Connolly, M. Cheour, A. Lehtokoski, M. Huotilainen, J. Virtanen, R. Aulanko, R.J. Ilmoniemi (Finland, Canada) 9

Reduction of cholecystokinin-8S-neurons in the paraventricular hypothalamic nucleus of neonatally overfed weanling rats
A. Plagemann, A. Rake, T. Harder, K. Melchior, W. Rohde, G. Dörner (Germany) 13

Dizocilpine and reduced body temperature do not prevent methamphetamine-induced neurotoxicity in the vervet monkey: [^{11}C]WIN 35,428 - positron emission tomography studies
W.P. Melega, G. Lacan, D.C. Harvey, S.-C. Huang, M.E. Phelps (USA) 17

Differentiation-specific mRNA expression of a mouse bipotential glial cell line
K. Asakura, A. Suzumura, M. Rodriguez, M. Sawada (USA, Japan) 21

Inhibition of brain choline uptake by isoarecolone and lobeline derivatives: implications for potential vector-mediated brain drug delivery
T.L. Metting, D.E. Burgio, A.V. Terry Jr., J.W. Beach, C.R. McCurdy, D.D. Allen (USA) 25

Effect of systemic ethanol on basal and stimulated glutamate releases in the nucleus accumbens of freely moving Sprague–Dawley rats: a microdialysis study
Q.-S. Yan, M.E.A. Reith, S.G. Yan, P.C. Jobe (USA) 29

Dopamine and acetylcholine elevation on lever-press acquisition in rat prefrontal cortex
Y. Izaki, K. Hori, M. Nomura (Japan) 33

Rat embryonic hippocampal neurons express a new class A calcium channel variant
S. Vigues, C. Chabret, S. Valentin, J. Valmier (France) 37

Expression of calcitonin receptor-like receptor and receptor-activity-modifying proteins in human cranial arteries
A. Sams, I. Jansen-Olesen (Denmark) 41

Gap junction uncoupling of neonatal rat astroglial cultures does not affect their expression of fibroblast growth factor 2
B. Reuss, A. Heinke, K. Unsicker (Germany) 45

Inspiratory inhibition of pulmonary rapidly adapting receptor relay neurons in the rat
K. Ezure, I. Tanaka, M. Miyazaki (Japan) 49

Non-*N*-methyl-D-aspartate receptors may mediate the transmission of emetic signals between visceral vagal afferents and the solitary nucleus in dogs
N. Furukawa, M. Hatano, H. Fukuda, T. Koga (Japan) 53

The effect of calcium channels blockers in the K^+-evoked release of [^{3}H]adenine nucleotides from rat brain cortical synaptosomes
F. Mesquita Jr., M.A.M. Prado, R.S. Gomez, M.A. Romano-Silva, M.V. Gomez (Brazil) 57

Volume 258, no. 2

Daytime melatonin infusions induce sleep in pigeons without altering subsequent amounts of nocturnal sleep
E.M. Mintz, N.H. Phillips, R.J. Berger (USA) 61

The − 491 A/T polymorphism in the regulatory region of the Apolipoprotein E gene and early-onset Alzheimer's disease
G. Roks, M. Cruts, M.J. Bullido, H. Backhovens, M.J. Artiga, A. Hofman, F. Valdivieso, C. Van Broeckhoven, C.M. Van Duijn (The Netherlands, Belgium, Spain) 65

Uric acid inhibits L-DOPA-CU(II) mediated DNA cleavage
S. Singh, S. Farhan Asad, S.M. Hadi (India) 69

Remodeling dendritic spines in the rat pilocarpine model of temporal lobe epilepsy
M. Isokawa (USA) 73

ELSEVIER

Neuroscience Letters 258 (1998) 194–196

Neuroscience Letters

Contents to Volume 258

Volume 258, no. 1

Guidelines for the submission of manuscripts v

Neuronal nitric oxide synthase is permanently decreased in the cerebellum of rats subjected to chronic neonatal blockade of *N*-methyl-D-aspartate receptors
M. Virgili, F. Facchinetti, M. Sparapani, M. Tregnago, R. Lucchi, R. Dall'Olio, O. Gandolfi, A. Contestabile (Italy) 1

Effect of oral administration of *Pinellia ternata*, *Zingiberis rhizoma* and their mixture on the efferent activity of the gastric branch of the vagus nerve in the rat
A. Niijima, M. Kubo, K. Hashimoto, Y. Komatsu, M. Maruno, M. Okada (Japan) 5

Hemispheric lateralization in preattentive processing of speech sounds
K. Alho, J.F. Connolly, M. Cheour, A. Lehtokoski, M. Huotilainen, J. Virtanen, R. Aulanko, R.J. Ilmoniemi (Finland, Canada) 9

Reduction of cholecystokinin-8S-neurons in the paraventricular hypothalamic nucleus of neonatally overfed weanling rats
A. Plagemann, A. Rake, T. Harder, K. Melchior, W. Rohde, G. Dörner (Germany) 13

Dizocilpine and reduced body temperature do not prevent methamphetamine-induced neurotoxicity in the vervet monkey: [^{11}C]WIN 35,428 - positron emission tomography studies
W.P. Melega, G. Lacan, D.C. Harvey, S.-C. Huang, M.E. Phelps (USA) 17

Differentiation-specific mRNA expression of a mouse bipotential glial cell line
K. Asakura, A. Suzumura, M. Rodriguez, M. Sawada (USA, Japan) 21

Inhibition of brain choline uptake by isoarecolone and lobeline derivatives: implications for potential vector-mediated brain drug delivery
T.L. Metting, D.E. Burgio, A.V. Terry Jr., J.W. Beach, C.R. McCurdy, D.D. Allen (USA) 25

Effect of systemic ethanol on basal and stimulated glutamate releases in the nucleus accumbens of freely moving Sprague–Dawley rats: a microdialysis study
Q.-S. Yan, M.E.A. Reith, S.G. Yan, P.C. Jobe (USA) 29

Dopamine and acetylcholine elevation on lever-press acquisition in rat prefrontal cortex
Y. Izaki, K. Hori, M. Nomura (Japan) 33

Rat embryonic hippocampal neurons express a new class A calcium channel variant
S. Vigues, C. Chabret, S. Valentin, J. Valmier (France) 37

Expression of calcitonin receptor-like receptor and receptor-activity-modifying proteins in human cranial arteries
A. Sams, I. Jansen-Olesen (Denmark) 41

Gap junction uncoupling of neonatal rat astroglial cultures does not affect their expression of fibroblast growth factor 2
B. Reuss, A. Heinke, K. Unsicker (Germany) 45

Inspiratory inhibition of pulmonary rapidly adapting receptor relay neurons in the rat
K. Ezure, I. Tanaka, M. Miyazaki (Japan) 49

Non-*N*-methyl-D-aspartate receptors may mediate the transmission of emetic signals between visceral vagal afferents and the solitary nucleus in dogs
N. Furukawa, M. Hatano, H. Fukuda, T. Koga (Japan) 53

The effect of calcium channels blockers in the K^+-evoked release of [^{3}H]adenine nucleotides from rat brain cortical synaptosomes
F. Mesquita Jr., M.A.M. Prado, R.S. Gomez, M.A. Romano-Silva, M.V. Gomez (Brazil) 57

Volume 258, no. 2

Daytime melatonin infusions induce sleep in pigeons without altering subsequent amounts of nocturnal sleep
E.M. Mintz, N.H. Phillips, R.J. Berger (USA) 61

The − 491 A/T polymorphism in the regulatory region of the Apolipoprotein E gene and early-onset Alzheimer's disease
G. Roks, M. Cruts, M.J. Bullido, H. Backhovens, M.J. Artiga, A. Hofman, F. Valdivieso, C. Van Broeckhoven, C.M. Van Duijn (The Netherlands, Belgium, Spain) 65

Uric acid inhibits L-DOPA-CU(II) mediated DNA cleavage
S. Singh, S. Farhan Asad, S.M. Hadi (India) 69

Remodeling dendritic spines in the rat pilocarpine model of temporal lobe epilepsy
M. Isokawa (USA) 73

Peripheral axons of Wld^s mice, which regenerate after a delay of several weeks, do so readily when transcription is inhibited in the distal stump
E. Benavides, J. Alvarez (Chile) 77
Degenerative terminals of the perforant pathway are human α-synuclein-immunoreactive in the hippocampus of patients with diffuse Lewy body disease
E. Iseki, W. Marui, K. Kosaka, H. Akiyama, K. Ueda, T. Iwatsubo (Japan) 81
Antiserum against Cl^- pump complex recognizes 51 kDa protein, a possible catalytic unit in the rat brain
X.-T. Zeng, T. Higashida, M. Hara, N. Hattori, K. Kitagawa, K. Omori, C. Inagaki (Japan) 85
Suppression of inspiratory fast rhythm, but not bilateral short-term synchronization, by morphine in anesthetized rabbit
F. Kato (Japan) 89
Circadian rhythm and light responsiveness of *BMAL1* expression, a partner of mammalian clock gene *Clock*, in the suprachiasmatic nucleus of rats
H. Abe, S. Honma, M. Namihira, Y. Tanahashi, M, Ikeda, K.-i. Honma (Japan) 93
Postnatal changes in Bax-immunoreactivity and apoptosis of the rat trigeminal primary neurons
T. Sugimoto, C. Xiao, H. Ichikawa (Japan) 97
Transcription factor binding to the core promoter of the human monoamine oxidase B gene in the cerebral cortex and in blood cells
J. Ekblom, H. Garpenstrand, M. Damberg, K. Chen, J.C. Shih, L. Oreland (Sweden, USA) 101
Hemispheric differences in frequency dependent dipole orientation of the human auditory evoked field component N100m
T. Rosburg, I. Kreitschmann-Andermahr, E. Emmerich, H. Nowak, H. Sauer (Germany) 105
Evidence for a neurotransmitter role of glutamate in guinea pig myenteric plexus neurons
M. Šinský, J. Donnerer (Austria) 109
Alz-50/Gallyas-positive lysosome-like intraneuronal granules in Alzheimer's disease and control brains
K. Ikeda, H. Akiyama, T. Arai, H. Kondo, C. Haga, S. Iritani, K. Tsuchiya (Japan) 113
Activation of the ventral and mesial frontal cortex of the monkey by self-initiated movement tasks as revealed by positron emission tomography
T. Tsujimoto, M. Ogawa, H. Tsukada, T. Kakiuchi, K. Sasaki (Japan) 117
The N-terminal PDZ-containing region of postsynaptic density-95 mediates association with caveolar-like lipid domains
A.-S. Perez, D.S. Bredt (USA) 121
Calcium signals monitored from leopard frog optic tectum after the optic nerve has been selectively loaded with calcium sensitive dye
E.A. Dudkin, P.Z. Myers, J.A. Ramirez-Latorre, E.R. Gruberg (USA) 124

Volume 258, no. 3

Upregulation of ecto-5′-nucleotidase in human neuroblastoma SH-SY5Y cells on differentiation by retinoic acid or phorbolester
K. Kohring, H. Zimmermann (Germany) 127
The THCRE2 site in the rat tyrosine hydroxylase gene promoter is responsive to phorbol ester
J.A. Best, A.W. Tank (USA) 131
Spatio-temporal activities in the antennal lobe analyzed by an optical recording method in the male silkworm moth *Bombyx mori*
H. Ai, K. Okada, E.S. Hill, R. Kanzaki (Japan, Puerto Rico) 135
Genes encoding multiple forms of phospholipase A_2 are expressed in rat brain
G.Y. Molloy, M. Rattray, R.J. Williams (UK) 139
Expression of a foreign G-protein coupled receptor modulates the excitability of the peptidergic bag cell neurons of *Aplysia*
M.D. Whim, L.K. Kaczmarek (USA) 143
Muscle spindle activity following muscle tendon vibration in man
E. Ribot-Ciscar, C. Rossi-Durand, J.-P. Roll (France) 147
Whole body hyperthermia selectively induces heat shock protein 72 in neurons of the rat spinal cord
H. Xia, T. Ikata, S. Katoh, K. Rokutan, S.-i. Saito, T. Kawai, K. Kishi (Japan) 151
Naloxone-induced changes in tachykinin NK_3 receptor modulation of experimental anxiety in mice
S.J. Ribeiro, T.C.M. De Lima (Brazil) 155
Optical imaging of the spontaneous neuronal activities in the male rat major pelvic ganglion following denervation of the pelvic nerve
M. Imaizumi, Y. Oguma, M. Kawatani (Japan) 159
Immunocytochemical detection of S-100β in the periodontal Ruffini endings in the rat incisor
K. Nakakura-Ohshima, S. Hayashi, Y. Atsumi, S. Wakisaka, K. Nozawa-Inoue, T. Maeda (Japan) 163
Effects of aging on lens transmittance and retinal input to the suprachiasmatic nucleus in golden hamsters
Y. Zhang, G.C. Brainard, P.C. Zee, L.H. Pinto, J.S. Takahashi, F.W. Turek (USA) 167
Gastrin/CCK-ergic innervation of cutaneous mucous gland by the supramedullary cells of the puffer fish *Takifugu niphobles*
K. Funakoshi, T. Kadota, Y. Atobe, M. Nakano, R.C. Goris, R. Kishida (Japan) 171
Reduced prefrontal cortical dopamine, but not acetylcholine, release in vivo after repeated, intermittent phencyclidine administration to rats
J.D. Jentsch, L. Dazzi, J.P. Chhatwal, C.D. Verrico, R.H. Roth (USA) 175
mRNAs for clozapine-sensitive receptors co-localize in rat prefrontal cortex neurons
A. Vysokanov, J. Flores-Hernandez, D.J. Surmeier (USA) 179

^{60}Co and ^{45}Ca autoradiography in cerebral ischemia in the rat
H. Stevens, W. Krop-van Gastel, J. Korf (Netherlands) 183
Expression of the gene for the retinal protein peripherin in the pineal gland of humans and Djungarian hamsters (*Phodopus sungorus*)
A. Lerchl, V. Nordhoff, H. Gerding (Germany) 187

Corrigendum 190
Author Index to Volume 258 191
Volume Contents to Volume 258 194